

REMARKS

Claims 1-31 are present in this application and have been subjected to a restriction by the Examiner under 35 U.S.C. §121 (37 C.F.R. §1.142) as follows:

- I. Claims 1-6, 11-12, and 16-26, drawn to recombinant human iduronate 2-sulfatase (IDS) and a pharmaceutical composition comprising the sulfatase.
- II. Claim 7, drawn to a method of treating a patient suffering from IDS deficiency, said method comprising administering to said patient an effective amount of IDS which is more highly glycosylated than the natural enzyme.
- III. Claims 8-10, and 27-31, drawn to an isolated nucleic acid molecule comprising the IDS gene, host cells comprising the gene and a method of producing the enzyme.
- IV. Claims 13-15, drawn to an antibody which selectively binds to IDS prepared recombinantly but does not bind IDS isolated from human tissue.

As indicated, and in order to be fully responsive to the Examiner's requirement for restriction, Applicants elect to prosecute the subject matter of Group I, claims 1-6, 11-12, and 16-26, and reserve the right to file one or more divisional applications directed to the non-elected subject matter in this application.

Pursuant to 37 C.F.R. §§1.111 and 1.143, however, Applicants respectfully request a modification of the restriction requirement. Specifically, Applicants respectfully request that claims 27-31, presently grouped in Group III, be rejoined with the claims of Group I, which group Applicants have elected for continued prosecution in this case.

Claims 8-10, presently grouped in Group III, are directed to isolated nucleic acid molecules comprising an IDS gene. Claims 27-31, also grouped in Group III, are directed to host cells which express an IDS enzyme. Since the claims of Group I are directed to an IDS enzyme, and pharmaceutical compositions comprising an IDS enzyme, Applicants respectfully submit that claims 27-31, directed to host cells comprising an IDS enzyme, are more properly placed in Group I.

Therefore, it is respectfully urged that the Examiner reconsider and rejoin Claims 27-31 with the claims of Group I.

Respectfully submitted,



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